

Soy PE

L- α -phosphatidylethanolamine (Soy)

840024P-200mg

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| | |
|--------------------------|---|
| Molecular Weight | 730.453 (average based on fatty acid distribution in product) |
| Physical State | Powder |
| Storage | -20°C |
| Expiration Date | Three months from date of receipt |
| M Lot Number | 5487PNH158 |
| Avanti Lot Number | 840024P-200MG-H-158 |

| ANALYSIS | SPECIFICATION | RESULTS |
|-----------------------------|---|---|
| Physical Examination | Powder: White solid which contains no foreign matter | Pass |
| TLC | >99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot | All Pass |
| UV Oxidation | NMT 5% total all wavelengths | 0.41% total |
| Proton NMR | NMR spectrum consistent with structure | Consistent with structure |
| Quantitative Phosphorus NMR | Run and Report | 61.0 mg/ml |
| Mass Spectroscopy* | [M+H] ⁺ = 716.453 \pm 1 amu (predominant species) and +NL 141 Scan: [M-141] ⁺ = 716.453 \pm 1 amu (predominant species) | [M+H] ⁺ = 716.79 amu and [M-141] ⁺ = 716.97 amu |

*+NL 141 Scan = Neutral Loss Scan of 141 amu

Approved By: *Anderson Thomas*

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